

# DISRUPTER

## INNOKINCELL

Vaping Power System

### user manual

#### DISRUPTER

##### INNOKINCELL Vaping Power System

Congratulations on your purchase of this Innokin Disrupter Advanced Personal Vaporizer. For the best possible vaping experience please carefully read, and follow this user manual.

The Innokin Disrupter is the latest high powered advanced personal vaporizer and it is the first device to utilize Innokin's revolutionary InnokinCell Vaping Power System replaceable battery technology.

The Disrupter features a greater range of Variable Voltage, Variable Wattage, advanced safety features, and also 'Vape while charging' Technology.

The Disrupter has a flush 510 connection with a spring loaded positive pin, durable stainless steel threading.

The Disrupter has a variable voltage range of 3.0 – 7.5 volts adjustable in .1 volt increments and a variable wattage range of 6.0 – 50.0 Watts, adjustable in .5 watts increments.

The Disrupter uses Vrms DC + PWM current and is very accurate with a power deviation of 0.5 Watt. The full 50 Watts is precisely maintained between resistances of 0.2 to 3.1+ ohms. There is no wasted power and exact accuracy means you are always vaping the power level that you choose. Vrms provides superior precision in delivering the exact wattage Ohm's Law requires and stable power means better vapor and true flavors, every time.

Please check and verify that your Innokin Disrupter and InnokinCell are authentic Innokin Technology products.

To verify that this Disrupter is a real Innokin Technology device please:

- 1) Find the label on the reverse of the packaging and scratch the silver stripe to reveal your Disrupter Unique Authorization number.
- 2) Visit the Official Innokin Technology website at [www.innokin.com](http://www.innokin.com).
- 3) Enter the Unique Authentication number in the Authentication field.
- 4) Verify your Disrupter is authentic.

If you have any questions or suggestions we would like to invite you to please write to us at [support@innokin.com](mailto:support@innokin.com).

Join our Innokin FaceBook Page: [www.facebook.com/innokin.Technology](https://www.facebook.com/innokin.Technology) for the latest information, contests, giveaways and be part of a great and growing community!

#### WARNING:

Please read this section carefully to ensure you receive maximum benefits from your Disrupter and enjoy vaping with it in the most safe and effective ways possible.

1. This Advanced Personal Vaporizer may be used with e-liquids that contain nicotine. If questions or concerns regarding your e-liquid arise, please check with your e-liquid provider. This product is only intended for use by adults of legal smoking age (18+) and should not be used by children, women who are pregnant or breastfeeding, or persons with or at risk of heart disease, high blood pressure, diabetes or taking medicine for depression or asthma, or who otherwise may be sensitive to nicotine. Nicotine is addictive and habit forming, and can be toxic by inhalation, in contact with the skin or eyes, or if swallowed. Ingestion of the non-vaporized concentrated e-liquid ingredients can be poisonous. Keep away from children and pets.

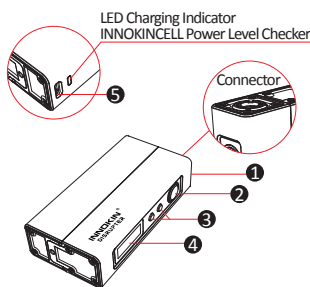
2. This Advanced Personal Vaporizer may be used with e-liquids that contain nicotine, a chemical known to the State of California to cause birth defects or other reproductive harm. Please check with your e-liquid provider. (For products sold in California.)
3. This Advanced Personal Vaporizer is only designed to be used with high quality e-liquid. Please check with your e-liquid provider. This device is not intended for use with loose tobacco leaf or herbal substances.
4. This Advanced Personal Vaporizer has not been evaluated by the Food and Drug Administration and is not intended to treat, mitigate, prevent or cure any disease or condition. This product is not intended for use as a smoking cessation device.
5. The clearomizer must be stored out of the reach of children and pets. All empty clearomizers must also be disposed of properly and out the reach of children and pets.

6. This Disrupter Advanced Personal Vaporizer includes small parts such as the mouth piece. Always keep any small parts out of reach of children and pets to prevent swallowing or other harm.
7. Do not misuse, mishandle or store your Disrupter Advanced Personal Vaporizer improperly. Even though it is made of high quality stainless steel it may become damaged when dropped or otherwise mishandled.
8. Do not attempt to repair the unit by yourself as damage or personal injury may occur.
9. In order to guarantee the normal functioning of your Disrupter Advanced Personal Vaporizer, and maximize vaping pleasure, we strongly advise that you charge the battery when the power level drops below 10 percent.
10. In order to prolong the operation of your Disrupter Advanced Personal Vaporizer, please do not place or store this Disrupter Advanced Personal Vaporizer in excessively hot or cold environments.

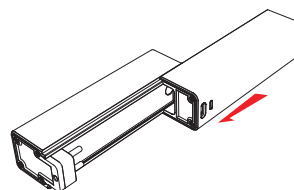
11. Obey local laws or regulations regarding Electronic Cigarettes when vaping. If you are in an area where there are any bans or potential dangers, please do not use your Disrupter Advanced Personal Vaporizer.
12. Your Disrupter Advanced Personal Vaporizer is not waterproof. Keep it dry at all times.
13. Do not allow any liquids or ejuice to enter the device through the top threading or the USB ports. If any liquids enter the device, or come into contact with the PCB, please discontinue using or charging the device and contact your local Authorized Innokin Vendor immediately.
14. Innokin Technology is not responsible for any clearomizer or battery damage due to the use of low quality eLiquid or dry herb.
15. Do not drop, throw, or mishandle your Disrupter Advanced Personal Vaporizer as the outer shell or inner components may become damaged.

16. Innokin Technology is not responsible for battery and charger explosions, or malfunctions, due to the use of a low-quality charger. Only use the original Disrupter Advanced Personal Vaporizer starter kit charger to charge your InnokinCell. We strongly recommend that you always use a high quality 5V 1000mA USB wall charger (CE/UL Certified). The InnokinCell is not designed for use with a car charger, The Disrupter does not come included with a car charger.
17. Keep your Disrupter Advanced Personal Vaporizer away from sources of excessive heat as damages may occur.
18. Use only genuine InnokinCell Vaping Power Cells with the Innokin Disrupter. Innokin is not responsible for any damages or malfunctions caused by the use of an improper battery or power cell. Do not attempt to open or damage the InnokinCell. Dispose of the InnokinCell according to local battery recycling by-laws.

#### INSTRUCTION



- 1 510 Thread Connector
- 2 FIRING, POWER ON, POWER OFF, Battery Level Indicator Button
- 3 "◀" button: Disrupter /VW ◀  
"▶" button: Disrupter /VW ▶
- 4 OLED Display Screen
- 5 InnokinCell Micro USB Charging port



InnokinCell Slide'n'Click system; simply choose a charged InnokinCell in the color that you like best and 'Slide & Click' the InnokinCell securely into place to power a day of vaping.

#### The Primary Features of The Disrupter Battery Level Indicator:

The Disrupter battery capacity is displayed via green, yellow and red LED.  
Green = Fully Charged.  
Yellow = Half Power.  
Red = Low Power. Charge the InnokinCell.

Charge the InnokinCell on its own or when attached to a vaporizer.

#### LED Charging Indicator:



When the INNOKINCELL is fully recharged the LED light will power off.

#### INNOKINCELL Power level checker:

Press the LED indicator to check your INNOKINCELL power level.

- Red - Low Power. Charge the InnokinCell
- Yellow - Half Power
- Green - Charged

#### Variable Voltage:

Voltage can be adjusted from 3.0 – 7.5 volts in .1 volt increments.

#### Variable Wattage:

Wattage can be adjusted from 6.0 – 50.0 Watts in .5 watts increments.

**ON/OFF Battery Switch :**

Press the power button "ⓘ" three times to turn the Disrupter on. Once the Disrupter is on, hold down the power button to vape. When the Disrupter is not in use, press the power button "ⓘ" three times in succession to power off the Disrupter.

Always power off the Disrupter when it is not being used, or when it is going to be stored in a pocket, bag or purse.

**FLIP OLED SCREEN ORIENTATION:**

Hold "◀" and "▶" button for 3 seconds to flip the horizontal orientation of the screen.

**SAFETY :****15 second cutoff:**

If the "ⓘ" button is held for 15 seconds or longer the Disrupter Advanced Personal Vaporizer LED lights will flash and then stop firing until the "ⓘ" button is released and pressed again.

0.50Ω  
0.00W - V ⓘ

**Low Voltage Warning:**

The Red LED and Battery bar will blink when the battery capacity is lower than 3.3V and the Disrupter will power off automatically.

0.50Ω  
0.00W 40.0W ⓘ

**Short Circuit/Atomizer Protection:**

Short Circuit/Atomizer Protection protects the Disrupter Advanced Personal Vaporizer against shorted atomizers and will stop the unit from functioning in unsafe conditions.

The Disrupter features automatic real-time atomizer Ohms detection. If the resistance of the atomizer is lower than 0.2 Ohm the Disrupter OLED screen will not power on and it will display:

1.50Ω  
0.00V 40.0W ⓘ

Low Resistance

0.00Ω  
0.00V 40.0W ⓘ

SHORTED

**Over-Discharge Protection:**

The InnokinCell Vaping Power System monitors the battery voltage and will automatically power off if the battery is over discharged.

**'Vape while charging' Technology:**

The InnokinCell is recharged with a Micro USB cable. When plugged into a power source the Disrupter can also be vaped and charged at the same time with Innokin Technology's 'Vape while you charge' pass-through technology.

**Remembers last Voltage or Wattage setting:**

When the Disrupter is turned off by the power button it will remember the current voltage or wattage setting and it will retain the setting when the Disrupter is powered back on.

**OPERATION GUIDE:**

The Disrupter has three buttons:  
"ⓘ" button, "◀" button and "▶" button.  
"ⓘ" button: Power  
"◀" button: Disrupter / VW ⓘ  
"▶" button: Disrupter / VW ⓘ

**To POWER ON the Disrupter :**

ⓘ INNOKIN TECHNOLOGY 0.50Ω  
0.00V 15.0W ⓘ

Pressing the power button "ⓘ" three times in rapid succession will power on the Disrupter Advanced Personal Vaporizer. The main LED light will blink from red to yellow to green after which the Disrupter Advanced Personal Vaporizer will enter standby mode. The final color of the LED will indicate the current power level.

When the Disrupter Advanced Personal Vaporizer has been powered on Hold the "ⓘ" button down to activate the vaporizer. The color of the LED when the button is pressed indicates the current power level.

When the button "ⓘ" is pressed (with a clearomizer attached) the OLED screen will display the attached atomizer resistance, voltage and wattage and remaining battery charge.

When the button "ⓘ" is continuously pressed (with a clearomizer attached), the OLED screen will display:

0.50Ω 10.0S ⓘ 0.50Ω 32.0W 1.0S ⓘ

**To POWER OFF the Disrupter:**

OFF  
Click 3x ON

**Ohms Meter & Battery Level Indicator & Puff Counter:**

With an atomizer attached, hold both the "◀" and "▶" buttons simultaneously and the OLED screen will display the resistance of the attached atomizer, the battery voltage, the number of puffs since the device was last turned off and the last set voltage or wattage.

0.50Ω 100  
4.20V ⓘ

**Enter Variable Wattage Mode:**

Press and hold the "◀" and "ⓘ" buttons for 1 second to enter variable wattage mode.

0.50Ω 40.0W ⓘ  
0.00V ⓘ

**Adjust Variable Wattage:**

When the Disrupter is in variable wattage mode press the "◀" or "▶" button to unlock the wattage. Hold the button down to quickly increase or decrease the set wattage. Press the "ⓘ" to lock to wattage and vape.

The Disrupter wattage can be adjusted from 6.0 to 50 watts in .5 watt increments by pressing the "◀" or "▶" buttons. If the wattage is decreased below 6 Watts it will cycle up to 50 Watts. If the wattage is increased from 50 Watts it will cycle down to 6 watts. Press the button "ⓘ" to lock the set wattage and fire the Disrupter.

**Enter Variable Voltage Mode:**

Press and hold the "▶" button and then the "ⓘ" button for 1 second to enter variable voltage mode.

0.50Ω 4.00V ⓘ  
0.00W ⓘ

In variable voltage mode the Disrupter voltage can be adjusted from 3.0 to 7.5 volts in .1 volt increments by pressing the "◀" or "▶" buttons.

**Adjust Variable Voltage:**

When the Disrupter is in variable voltage mode press the "◀" or "▶" button one time and then press it again to unlock the voltage. Hold the "◀" or "▶" button down to quickly increase or decrease the set voltage.

The Disrupter voltage can be adjusted from 3.0 to 7.5 volts in .1 volts. If the voltage is decreased below 3 volts it will cycle up to 7.5 Volts. If the voltage is increased from 7.5 Volts it will cycle down to 3 volts. Press the button "ⓘ" to lock the set voltage and fire the Disrupter.

**Check Atomizer:**

When the atomizer is not connecting properly, or resistance more than 9.9 Ohm, the screen will display "CHECK ATOMIZER" when press the firing button.

---Ω 4.00V ⓘ  
0.00W ⓘ

The Disrupter features automatic real-time battery voltage detection.

0.50Ω 100  
4.20V ⓘ

**Overheat Protection:**

The Disrupter features automatic real-time PCB Chipset temperature detection. The screen will display "TOO HOT" if the PCB is overheated.

**Important: Explaining Low-Resistance / High Wattage Vaping**

To ensure you have the best possible vaping experience it is important to have a basic understanding of wattage, voltage and coil resistance. There is a range of standard coil resistances: 2.1, 1.7, 1.4, 1.1, 0.8, 0.5 ohm etc and Rebuildable Atomizers or Drippers (RBA/RDA) may even be lower. The Disrupter can fire between resistances of 3.1 to .2 ohm and you can clearly see the resistance of the attached clearomizer on the OLED screen.

We would suggest that for coil resistances of 1.7 – 2.1 ohm you can begin with a setting of 8 Watts and then increase the Wattage until you find your perfect setting. For resistances of 0.5, you can try a setting of 25 Watts and increase the wattage until you find your perfect vaping setting.

We would suggest that for coil resistances of 1.7 – 2.1 ohm you can begin with a setting of 4.0 Volts and then increase the Voltage until you find your perfect setting. For resistances of 0.5, you can try a setting of 3.3 Volts and increase the voltage until you find your perfect vaping setting.

If you have any questions please contact your local Authorized Innokin Vendor.

**Important:** The Disrupter will only fire variable voltage or variable wattage depending on the last setting chosen; it will not fire both. You must choose either Variable Voltage or Variable Wattage.

The main LED will display green to indicate a full battery charge, yellow indicates power is at half capacity and red indicates immediate charging is required.

Red LED light = battery voltage is lower than 3.6V

Yellow LED light = battery voltage is around 3.6V-3.74V

Green LED light = battery voltage is higher than 3.75V

**PLEASE NOTE:**

The Red LED will blink for eight seconds when battery capacity is lower than 3.3V and the Disrupter will automatically power off.

**Technical Specifications:**

Operating Voltage: 3.0V-7.5V  
Operating Wattage: 6.0W-50W

Battery : 2000mAh

Standby current: 100uA max

Maximum output Wattage: 50W

Maximum output Current: 16A

Maximum Working Current  
20Amp Max Continuous Output  
Maximum output Voltage: 7.5V  
Clearomizer Resistance: 0.2Ohm (minimum)  
Charging: Micro USB DCSV1/A

**WARRANTY INFORMATION:**

Innokin Technology provides a 90 day after sales service warranty to all of our authorized vendors.

Please consult the official Innokin website or your Authorized Innokin Technology Vendor for more information and terms of service. Keep the proof of purchase of this device. The proof of purchase is needed for the 90 Day Limited Warranty.

For more information and to download the warranty card please visit:

<http://www.innokin.com/index.php/en/about-us-en/innokin-90-day-limited-warranty-program>

